and AMPA

Plates:

Plate: NMDA 200 µM ×10 min
+ Hexa 10
+ " 30
+ " 100
+ Penta (1) 10
+ " 30
+ " 100
Blk

} all 3 pits each

2nd plate - Penta (2)
C_5 Hexa

Hexa = 99J110-1 9.368 mM
bg

Penta (1) = 99J110-3 9.766 mM
Penta (2) = 99J110-5 12.953 mM

AMPA same plan. AMPA 10 µM

Calcs: (1.0 ml)(300 NMDA) = X 20 mM
(1.0 ml)(15 Hexa stock) = X 9.368 mM
45 = X 9.368
150

(15 Penta (1)) = X 9.766
45 " = X 9.766
150 " = X 9.766

(15 Penta (2)) = X 12.953
45 = X 12.953
150 = X 12.953

(1)(AMPA 15) = X 10 mM
(1)(MK 15) = X 10 mM

(1.)(15 C_5) = X 25 mM
(45) = X 25
(150) = X 25

X = 15 µl NMDA
X = 1.6 µl Hexa
X = 4.8 µl "
X = 16 µl "

X = 1.5 µl Penta
X = 4.6 µl "
X = 15 µl "

X = 1.2 µl Penta
X = 3.5 µl "
X = 11.5 µl "

X = 1.5 µl AMPA
X = 1.5 µl MK

X = 0.6 µl
X = 1.8
X = 6 µl

2m @ 7:30 PM

10/15/99 ×300